

AWC Volume SE SC SW W AR IN USGS Quad Seldovia A-5

Anadromous Water Catalog Number of Waterway 241-40-10300-2002

Name of Waterway _____ USGS name _____ Local name _____

Addition ☒ Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>94 304</u>	<u>JMM</u> Regional Supervisor	<u>11/9/94</u> Date
Revision Year: <u>94</u>	<u>ED Wiers</u>	<u>1/11/94</u>
Revision to: Atlas _____ Catalog _____		
Both <input checked="" type="checkbox"/>		
Revision Code: <u>A-2d</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Pink Salmon - Adults</u>	<u>9-15-93</u>	<u>35</u>			<input checked="" type="checkbox"/>
<u>Chum Salmon - Adult</u>	<u>9-15-93</u>	<u>16</u>			<input checked="" type="checkbox"/>
<u>Dolly Varden - Juvenile</u>	<u>9-15-93</u>			<u>2</u>	<input checked="" type="checkbox"/>

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Intertidal spawning. This stream has fair to good flow at low tide. During high tide it is inundated with salt water. Pink salmon^(and chum) were observed to within 15 meters of the .5 meter high substrate barrier. Good spawning gravel. Gradient is 1 percent. Stream width ranges from 3 meters at the mouth to 1.5 meters at the upper extent of fish distribution.

Name of Observer (please print) JEFF BARNHART

Date: 10-26-93

Signature: Jeff Barnhart

Address: 333 Raspberry Road
Anchorage AK

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COMMISSION

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: _____

Rev. 7/93

241-40-10300
STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: Catalina Stream 10300 SEGMENT: 1-01 DATE: 9/15/93 TEAM: JB/DG
ANADROMOUS: (y)n WIDTH (m): 3 - 1.5 LENGTH (m): _____ GPS DATE: ____/____/____ DIGITIZE: y n
WATERBODY: mainstem tributary lake/pond wetland intertidal other: _____

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
guts	A	25	V	dead	Black bear	—	SCAT
lv	A	2	V	live			
chums	A	16	V	live			

GRADIENT(%): 1 CHANNEL PROFILE: V □ □ U V —
A B C D E F

CHANNEL PATTERN: single multi braided

STREAM SUBSTRATE: (rank three most predominant types) BEDROCK _____ BOULDER _____ RUBBLE _____ COBBLE _____
GRAVEL 1 SAND _____ MUD/SILT 2 ORGANICS _____ OTHER: _____

STREAM COVER TYPE: ORGANIC DEBRIS _____ DEAD BRANCHES/TWIGS V LOGS _____ BOULDERS _____
CUT BANK 1 OVERHANGING VEGET. 2 OTHER: _____

STREAM COVER ABUNDANCE: none low medium high

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:

OVERSTORY: _____
UNDERSTORY: grass spp _____

CANOPY ABOVE STREAM: none low medium high

GROWTH: mature secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? (y)n BARRIER TO SPECIES: pinks/chas adults juveniles

TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): 1.5 DIST. FROM UPPER EXTENT (m): 1.5

PHOTO ROLL(s): JB06

VIDEO TAPE(s): _____

FRAME	DESCRIPTION	DATE	DESCRIPTION
16	Lower portion of 172 looking upstream		

Substrate: Bedrock (solid) Boulder >1' Rubble 6-12" Cobble 2-6" Gravel .1-2" Sand <.1"
(Please enter comments on the other side) COMMENTS

Stream flows through meadow with grass on one bank and no
forest along the other

241-40-10300

DO NOT ENTER

STREAM HABITAT ASSESSMENT 1993 - STREAMS

STREAM: 10300 Trib QUAD: _____ STAGE: H ☒ M ☐ L

LANDOWNER: Chenega CAC Eyak Tatitlek Pt. Graham English Bay (circle one)

DATE(s): 9/15/93 UTM ZONE: _____

GPS FILES: 2091918 A

SKETCH (indicate UTM zones, if not uniform throughout the stream)

1

E

Intertidal spawning only
Substrate Barrier lies immediately upstream
from live trees at edge of intertidal

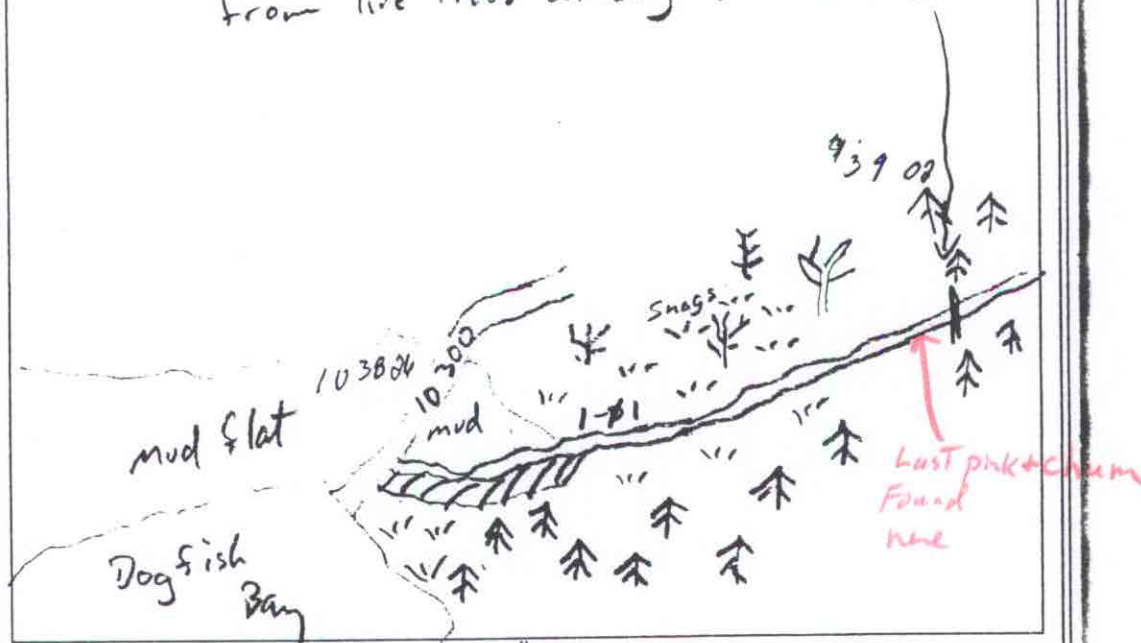


PHOTO ROLL(s): _____

VIDEO TAPE(s): _____

FRAME

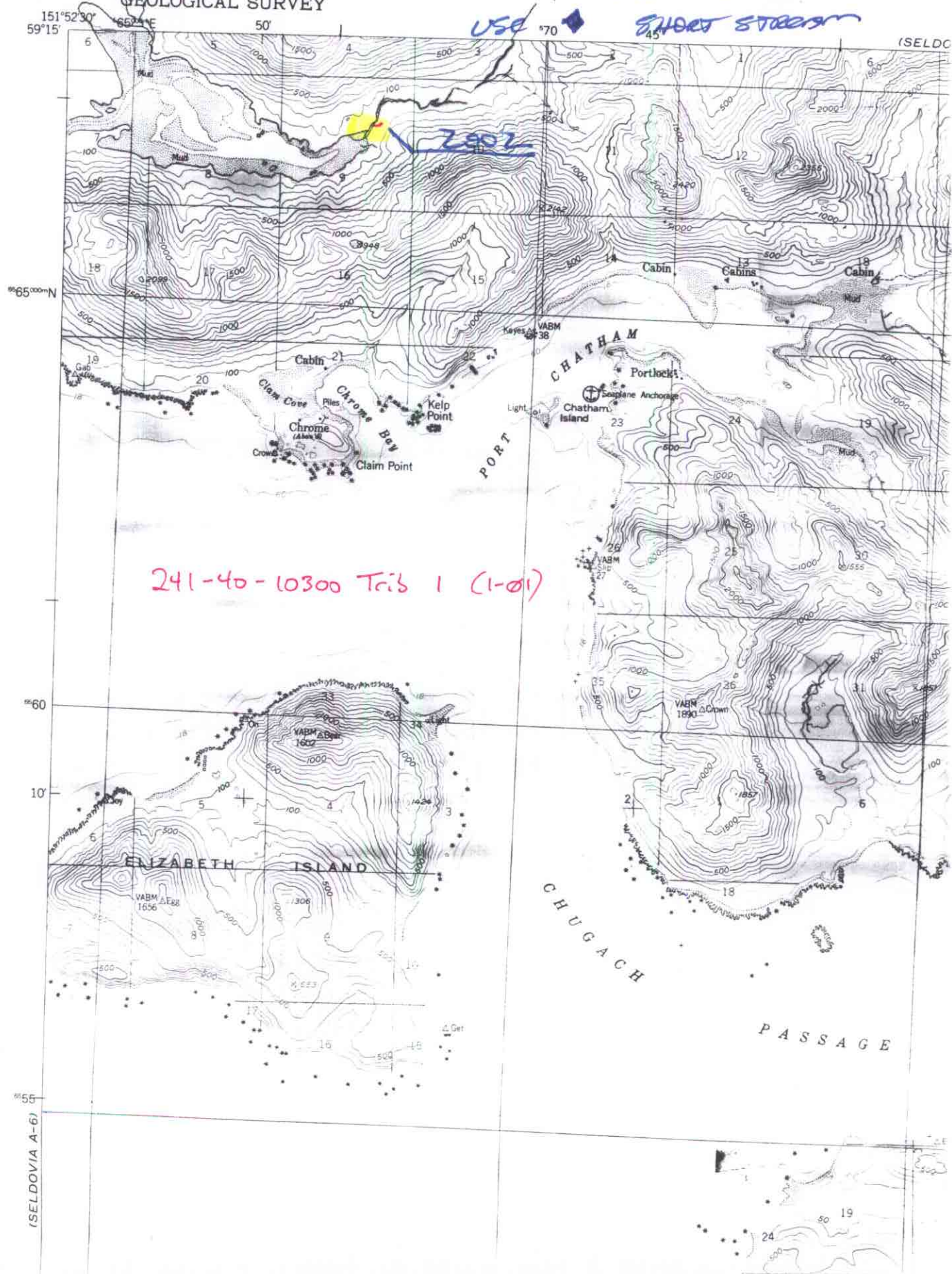
DESCRIPTION

DATE

(Please enter comments on the other side)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Add perm
241-40-10300-2002
w/ P₅ CA₅ & V
use 570 ♦ short stream



MEMORANDUM

State of Alaska

DEPARTMENT OF FISH & GAME

TO: Ed Weiss
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

DATE: November 3, 1993

FILE NO.:

TELEPHONE NO.: 267-2295

SUBJECT: Anadromous Stream
Nominations
and Corrections
Project R-51

FROM: Kathrin Sundet
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

Attached are anadromous stream nominations and corrections to be included in the Anadromous Waters Catalog for 74 streams surveyed in the fall of 1993 on private lands held by the Port Graham, English Bay and Seldovia Native Corporations on the outer Kenai Peninsula.

Streams were surveyed by the Alaska Department of Fish and Game, Habitat and Restoration Division personnel, Kathrin Sundet, Jeff Barnhart, Dan Grey, and Wes Ghormley as part of Exxon Valdez Oil Spill Restoration project R-51 aka SHA (Stream Habitat Assessment).

Streams were surveyed on foot from the intertidal zone to the upper extent of anadromous fish distribution. Adult salmon and Dolly Varden were visually identified and enumerated. Juvenile salmon were visually identified in the stream, and then captured by electroshocking, dipnet, or minnow trap to confirm identification. Sampling was conducted periodically along the stream to determine the presence of juvenile salmon. No attempt was made to determine the rearing population sizes of juvenile salmon, or to determine the total escapement of adult salmon in a stream.

Stream data are on file at the Alaska Department of Fish and Game, Habitat and Restoration office, 333 Raspberry Road, Anchorage, Alaska.

cc: Lance Trasky
Don McKay
Mark Kuwada

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